CMP-Neu5Ac

Nucleotide sugar and the donor substrate for sialyltransferases (SiaTs)

BLG-C408-50 (5 x 10 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

Ordering Information

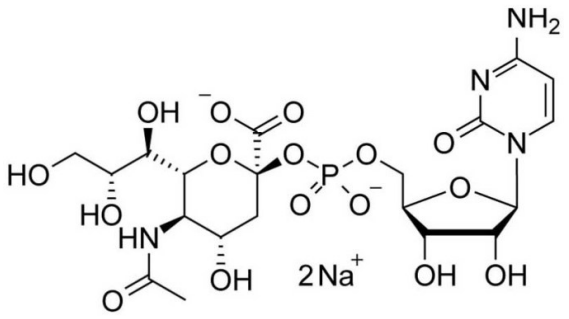
Order Online »

BLG-C408-10	10µmol
BLG-C408-50	5x10µmol

Manuals, SDS & CofA

View Online »

CMP-β-D-N-Acetylneuraminic acid (CMP-Neu5Ac) is a nucleotide sugar and the donor substrate for eukaryotic and prokaryotic sialyltransferases. Furthermore CMP-Neu5Ac is the essential substrate for sialyltransferases (SiaTs) in the synthesis of glycoconjugates.


NH2
N
OH
O
O
O
HO
O
O
P
O
N
O
HO
O
HN
OH
2Na+
OH
OH

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Cytidine-5′-O-monophospho-N-acetylneuraminic acid . sodium salt, CMP-NAN, CMP-NANA, CMP-Sialic acid
CAS	3063-71-6
Formula	$C_{20}H_{31}N_4O_{16}P$ (free acid)
MW	614.5 (free acid)
Purity	> 95% HPLC
Quantity	10 µmol are equivalent to ~ 6.2 mg

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